

Amendments to the Claims

1. (currently amended) An imaging apparatus comprising:
an imaging apparatus housing, said imaging apparatus housing
comprising at least one first reference surface and at least one second
reference surface, said first and second reference surfaces being rigidly
affixed to said housing;

wherein, said at least one first reference surface is coplanar with said
at least one second reference surface;

wherein, said at least one first reference surface is discontinuous with
said at least one second reference surface;

at least one lens assembly in contact with both said at least one first
and at least one second reference surfaces;

wherein, said housing further includes at least one photosensor
assembly reference surface; and

wherein, at least a portion of said photosensor assembly is in contact
with said at least one photosensor assembly reference surface.

2. (canceled)

3. (original) The imaging apparatus of claim 1 and further comprising:
a recess formed between said at least one first reference surface and
said at least one second reference surface.

4. (original) The imaging apparatus of claim 1 wherein:
said lens assembly has a generally cylindrical outer profile; and
said generally cylindrical outer profile is in contact with both said at
least one first and at least one second reference surfaces.

5. (original) The imaging apparatus of claim 1 wherein:

said imaging apparatus housing further comprises at least one third reference surface and at least one fourth reference surface;

wherein, said at least one third reference surface is coplanar with said at least one fourth reference surface;

wherein, said at least one third reference surface is discontinuous with said at least one fourth reference surface;

said at least one lens assembly is in contact with both said at least one third and said at least one fourth reference surfaces.

6. (original) The imaging apparatus of claim 5 and further comprising:
a recess formed between said at least one third reference surface and said at least one fourth reference surface.

7. (original) The imaging apparatus of claim 5 wherein said at least one first reference surface is not coplanar with said at least one third reference surface.

8. (original) The imaging apparatus of claim 5 wherein said at least one first reference surface and said at least one third reference surface together form a v-shaped configuration.

9. (currently amended) The imaging apparatus of claim 1 wherein:
said housing further comprises at least one wall member;
said at least one first reference surface and said at least one second reference surface are integrally formed in a said wall member;
said wall member includes a mounting mechanism integrally formed therein; and
wherein a light source mounted on said mounting mechanism is ~~adapted to mount a light source.~~

10. (currently amended) A method of assembling an imaging apparatus, said method comprising:

providing an imaging apparatus housing comprising at least one first reference surface and at least one second reference surface, said first and second reference surfaces being rigidly affixed to said housing;

providing at least one lens;

wherein, said at least one first reference surface is coplanar with said at least one second reference surface;

wherein, said at least one first reference surface is discontinuous with said at least one second reference surface; ~~and~~

using said at least one first reference surface and said at least one second reference surface to align said lens with said imaging apparatus housing by contacting said lens with said at least one first reference surface and said at least one second reference surface;

providing at least one photosensor assembly;

providing said housing with at least one photosensor assembly reference surface; and

aligning said at least one photosensor assembly with said housing by contacting at least a portion of said photosensor assembly with said photosensor assembly reference surface.

11. (original) The method of claim 10 and further comprising:

providing said lens housed within a lens assembly; and

wherein said using said at least one first reference surface and said at least one second reference surface to align said lens comprises contacting said lens assembly with said at least one first reference surface and said at least one second reference surface.

12. (original) The method of claim 11 and further comprising:

adjusting the focus of said at least one lens assembly by sliding said

A6
(contd)

lens assembly along said at least one first reference surface and said at least one second reference surface.

13. (canceled)

14. (original) The method of claim 10 further comprising:
providing a recess formed between said at least one first reference surface and said at least one second reference surface.

15. (original) The method of claim 11 wherein:
said lens assembly has a generally cylindrical outer profile; and
said contacting said lens assembly with said at least one first reference surface and said at least one second reference surface comprises contacting said generally cylindrical outer profile with said at least one first reference surface and at least one second reference surface.

16. (original) The method of claim 10 and further comprising:
providing said imaging apparatus housing with at least one third reference surface and at least one fourth reference surface;
wherein, said at least one third reference surface is coplanar with said at least one fourth reference surface;
wherein, said at least one third reference surface is discontinuous with said at least one fourth reference surface; and
using said at least one third reference surface and said at least one fourth reference surface to align said lens with said imaging apparatus housing.

17. (original) The method of claim 16 and further comprising:
providing a recess between said at least one third reference surface and said at least one fourth reference surface.

18. (original) The method of claim 16 wherein said at least one first reference surface is not coplanar with said at least one third reference surface.

19. (original) The method of claim 16 wherein said at least one first reference surface and said at least one third reference surface together form a v-shaped configuration.

20. (canceled)

21. (canceled)
